

APPENDIX A: DNA SEQUENCES

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>RXA00009

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>RXA00139
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>RXA00139-downstream
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>RXA00143-upstream
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>RXA00143
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>RXA00178

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>RXA00226

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>RXA00231

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>RXA00249
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>RXA00277
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>RXA00299-upstream

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>RXA00299

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>RXA00332-upstream

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>RXA00332

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>RXA00354

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>RXA00372-upstream

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>RXA00372

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>RXA00470
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>RXA00471

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>RXA00567
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>RXA00639-upstream

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>RXA00642-upstream

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>RXA01073
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>RXA01073-downstream
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>RXA01082-upstream
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>RXA01082
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>RXA01082-downstream
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>RXA01090-upstream
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>RXA01090
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>RXA01113-downstream
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>RXA01117-upstream
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>RXA01117
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>RXA01120-upstream
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>RXA01120
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>RXA01120-downstream
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>RXA01224-upstream
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>RXA01224

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>RXA01224-downstream

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>RXA01126

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>RXA01126-downstream

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>RXA01147-upstream

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>RXA01147

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>RXA01147-downstream
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>RXA01151-upstream
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>RXA01151
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>RXA01571-upstream
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>RXA01571
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>RXA01571-downstream
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>RXA01161-upstream
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>RXA01161
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>RXA01161-downstream
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>RXA01181
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>RXA01182-upstream
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>RXA01182
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>RXA01189-upstream
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>RXA01189
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>RXA01189-downstream
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>RXA01192-upstream
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>RXA01192
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>RXA01192-downstream
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>RXA01214
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>RXA01224-upstream
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>RXA01224
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>RXA01224-downstream
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>RXA01232-upstream
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>RXA01277
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>RXA01302-upstream
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>RXA01308

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>RXA01309--downstream

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>RXA01324--upstream

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>RXA01324

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>RXA01324--downstream

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>RXA01477-downstream

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>RXA01498-upstream

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>RXA01511

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>RXA01513-upstream

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>RXA01848-upstream
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>RXA01848
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>RXA01868

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>RXA02012

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>RXA02017

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>RXA02018
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>RXA02098

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>RXA02101-upstream

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>RXA02101

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>RXA02214-downstream
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>RXA02215
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>RXA02215-downstream
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>RXA02264-upstream
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>RXA02264
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>RXA02265
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>RXA02265-downstream
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>RXA02274

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>RXA02274-downstream

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>RXA02275-upstream

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>RXA02275

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>RXA02275-downstream

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>RXA02276-upstream

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>RXA02276

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>RXA02276-downstream
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>RXA02277-upstream
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>RXA02277
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>RXA02278-upstream
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>RXA02278
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>RXA02316-upstream

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>RXA02316

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>RXA02317-upstream

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>RXA02317

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>RXA02334

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>RXA02334-downstream

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>RXA02351-upstream

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>RXA02351

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>RXA02410-upstream

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>RXA02410

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>RXA02410-downstream

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>RXA02411-upstream

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>RXA02411

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>RXA02448-upstream
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>RXA02448
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>RXA02449-upstream
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>RXA02449
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GCG

>RXA02449-downstream
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>RXA02470-upstream
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>RXA02470
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>RXA02471-upstream
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>RXA02471
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>RXA02477-upstream
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>RXA02530-upstream

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>RXA02530

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>RXA02531

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>RXA02535

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>RXA02548

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>RXN00177-upstream

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>RXN00177

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>RXN00178-upstream

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>RXN00249

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>RXN00250-upstream

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>RXN00250

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>RXN00499

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>RXN00513-upstream

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>RXN00513

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>RXN00531-upstream

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>RXN00621-downstream
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>RXN00622-upstream
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>RXN00622
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>RXN00639
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>RXN00658

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>RXN00663

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>RXN00665

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>RXN00675

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>RXN00675-downstream

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>RXN00689-upstream

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>RXN00866-upstream

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>RXN00866

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>RXN00877-upstream

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>RXN00877

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>RXN02839--downstream

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>RXN02908--upstream

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>RXN02908

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>RXN02908--downstream

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>RXN02913--upstream

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>RXN02913

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>RXN02937--upstream

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>RXN02937

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>RXN02974

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>RXN03000-upstream

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>RXN03028
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>RXN03036-upstream

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>RXN03036

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>RXN03077

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>RXN03088-upstream

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>RXN03088

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>RXN03091

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>RXN03091-downstream

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>RXN03092-upstream

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>RXN03092

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>RXN03094-upstream

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>RXN03094

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>RXN03128
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>RXN03128-downstream
 TAAAGGCCCTTAGAGGCGAATGT

>RXN03131-upstream
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 ACCAGTTGGCTAAACCAAACGTATTTAAGGAGAAACACC

>RXN03131
 ATGACCACTTCTGTACCTGCATCCACCAAAGCTTTATCTGTGGCTGGCGAAAACCCAGGC
 CTGCGCATCGGCACCGCACCTGACTCGTGGGGCGTGTGGTTCCAGAGGATCCAAAGCAG
 ATCCCTTGGGAGCGTTTTCTCTACGAGGTGCTGAAAGCTGGCTACACCTGGATCGAGCTT
 GGCCCATACGGCTACCTGCCAACCGATGCCAACAGCTTGAAGATGAACTGGGCAAGCGC
 GCCTGAAGCTGTCCGCTGGCACCGAGTTACCC

>RXN03133-upstream

GGCGTCAAGCACGCACTCCACCACATCGATCTTCGCCCCGCCCTCGAATGGGACATCATG
GGATTTCCCGAATCCCCCGACACGCTGCCCCATTTTGCTCA

>RXN03133

GTGACCTGCGCGACCCCCCTTACGCCACCACTGCTGTGCCACCTCAATCCACGCCACGCT
CCGCTCACCGATCCACACATTGACGCTTCCAGGCGCCACCGCGGTCCCTTCCACGCCACT
CCCAGCTACGCAGGCTTTACCCCTCATTTACCGACGACACCGCCCGCATGCTGGGCAAC
CTAGCCAAAATTGGCGCGGTTGCCACCTGGGAAAAGACGCTTGTGACGCCGCAAGCTGG
GCCGAAC TCCCCACCCACCAGTCATCGTCGGGGATACCCCGCCCTCGACTGTACGCCG
GACAACGCCTGGTACCAGTTTCGCGTCGGCAAGCATCTTGGTCGCGATGCGTTCGCGGAA
ATCGTCATGTGCCTTGGCCACGTGTTTTGCCATCATGTCCCCCAGGTATGGTCGACAACC
TGCGCATCTCAGGACGCTGATTCCACCACGATGCTCATTGAAGCCGAGACCGCGGGGGCA
TTGGCCATCGCTCGCGTCGGCGGGCCCGACCCGTCGAGGTGGTTCCTTCTTCGGCGATGCC
CTTCTCAAAGAGGGGACGCCACTTCCTGCTGGTTTCCGACTAGATGTTGTTCTACACGCC
GCCTCAGAAATTGAGGATCTGCTGCGCGGTGACACCACAGCCGTTGTGACGGCGGCTTGG
TCTGTGGAGGATCGCCGAGGTTAC

>RXN03133-downstream

TAACAAATAGGCCCAACAAAGAG

>RXN03145-upstream

AGAGGTGTTTAAATTCCCGCTCTGCCCCAGATTTAAACTATGATGAGGGATAGCTTCT
CAATTTTCCAGGTTTTCCAAATGAAAGAGGTTACGCAC

>RXN03145

ATGCCTACTTATACTTGTGGTTCGCAAAGAATTTCGCATTTCTAGGGAAGCCAAGCAACGC
ATCGCTGAGGCAATCACCGATGCCCCACCATGAATTAGCGCATGCTCCCAAGTATTTGGTG
CAGGTGATTTTCAATGAGGTGGAGCCTGATTCTTATTTTCATTGCGGCGCAGTCGGCGTCG
GAAACCACATTTGGGTCCAAGCAACGATTCGTTTCGGGGCGTACAGAGAAGCAAAAAGAG
GAACTTCTGCTTCGGCTGACACAAGAGATCGCGCTGATTCTTGGGATCCCCAATGAAGAA
GTATGGGTATATATACCGGAGATTCTGCTGTTCCAAATATGACGGAATATGGCCGTCTCCTC
ATGGAACCTGGCGAAGAGGAGAAGTGGTTTAATTCGCTTCCCGAAGGCCTGCGGGAAAGG
TTGACCGAGCTAGAAGGATCGTCAGAA

>RXN03145-downstream

TAGCTCTCGAATAGGCCATTTCT

>RXN03178

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GTCGGCGAGGCCGGCCAGTATACCGTTGATCAGCTGCTGCACGGTCTTCTTTTAGCCAGC
GGTAACGATGCGGCGTATATGTTGGCTCAGGAACCTGGTGGGGATCAAGCAACCCTGGAG
AAAGTAAACGCGCTGGCCAAGGAGTTGGGCACTCAAGACACCTTCGTTGCCACTTATTCC
GGTTTGGATGCGCCGGGAATGTCGACCTCCGCATACGACATGTCATTGATTTATCAGCAT
GCGTGGCAGAACCCGGTTTTTCGAGTCGATTATCTCCACCGATCACATTGATTTCCCTGGT
TGGGGCGACAATGAGGGTTTTCCAAGTCTGGAACGATAACGCCTTGTTTCATGAACGATCCT
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CTCGATCGGGGTGGTCGCCGCTCGCCGCCGTACTCTTGGATTCCACCGTCAGCGACATT
CGTCCGTGGGAACAAGCACGATTGCTTATCGACGCCCTCCCTCCCCATCACGCCGGGGTCC
GGCGTGGGCCAGCTGGGCTCCGGCAGCGCGAACGATGTGGCACCGGCGACCCCAAGATTA
CCAGAACCCACCGACAACCTGACTTCAGGTGAGGGTGGGTTCGAGAACACGCTTCTTAAG
CTCGTGGTGGCCATCGGAATCATCGTGCTGTTGCTAATCGCCGCACTAGCGTGGACATTC
AGATCTCCCAAGAAAAGAAC

>RXN03178-downstream

TAGGTGTTCTTCTTCACGACCTC

>RXN02021-upstream

TTGGGTCGCCCAGGAGATCTAATCCTGGTTTGAGTTCAGAGTTCACAGGTTTAAGCCTAC
AAACCTTAGTTAAACATGATGGAAGCGGTCGATTAAAAA

>RXN02021

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ACCATCCTGGACACGTGGTACCCAGAACCCCAAATTTTCAACCCGGATCAGTGGGCTGAA
CGTACCCATTGGAAGTGGGCACCACACGCCTCGGAGCAAACGAACTACCCCCACGGATG
CTGCAGTTGGTAAACTGGACCAAGATCGCCTCGTCTGAACAGGTAGCAGTCCGCACCGTT
ATCCCCGATCTGTCTCAACCTCCAGTAGACGCGCACGATGTTTACCTGCGCCTCCACCTG
CTTTCCACCGGCTGGTCCGCCCCACGAAATGCACATGCAAAACACCTTGGAGCTGCTG
TCCGACGTGGTGTGGACAAACAAGGGCCCTTGCCTTCTGAAAACCTTTGAGTGGGTGCGT
GGTGTCTGCGGTCCGCGGACTCATCCACGTCTACTGTGTGGACCGTCTTCCCCGCATG
GTCGACTATGTGGTTCCCCCTGGAGTCCGCATCTCCGAAGCAGAACGCGTGCGCCTAGGT
GCATACCTTGTCTCGGGTACCTCTGTGTGCGTGAAGGTTTCGTGTCTTTCAACTCCGGC
ACCTTGGGTGCCGCAAAGGTGGAAGGCCGCTGAGTTCCGGTGTGGTCATCGGTGAAGGT
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CCGTTGAGCATCGGCCAAACTGCAACTTTGGTGTGAGCTCCGGAATCATCGGAGTCAGT
CTGGGAGACAATTGCGACATCGGAAATAACATTGTCTTGGATGGAGATACCCCCATTTGG
TTCGAGCCGATGAGGAGTTACGCACTATCGACTCCATCGAAGGCCAAGCAAATTGGTCA
ATCAAGCGTGAATCCGGCTTCCATGAGCCAGTTGCCCGCCTCAAAGCT

>RXN02021-downstream
TGACCCATTTTCATAACCAAGTGC

RXC00110 - 5'-Region

ATATCGAATGTCCAGTCACGCTAAACTTCACCCAAGATGAGATTTCTGTGGCACGATTGGGAATAACGAA
CGTAATTTTAAACACTGGAGGAGCTTCCAC

RXC00110 - coding Region

GTGAGCAACAAAGACGGCCTTTTACTGACGGTAACAGCACGTTTGCACCTAAGGTGGATTCAATTCCC
CTCAGCGATGTGGATACCAAGCTTAGCGGTGAAGCCTCCATCGGCACGCTGATCTCCAACGCAACCTCC
CAAATGTCCAGCCTTTTCCGCGCAGAAGTTGAGCTGGCGAAGACTGAACTCGCAGGCGAAGCCAAGAAA
GCTGCCATCGGCGGCGGCGCATTACAGCGTTGCTGGCGTAATCGCACTGTACAGCTCCTTCTTCTTTTC
TTCTTCGTGCGCAGCACTGCTGAGCGAGTGGATTAAGCCTTGGGCGAGATTCTCATCGTGTTCCTCTTC
ATGCTGGTCATCGCCGAGCTCTCGCACTGTTGGGCTGGCGCAAGGTGAAGAAGATGGGCGCTCCGAAG
AACACCATCCAATCGGTCAACCAACTGAAGAACCCTGGTCCCAGGTGAGGCATCCGAGAAGCTGGAGAAG
GCCAACAAGCGTGGCCTCTACACCTCCGCGTCTTCCACAGCCCCGGCGCCATCACTGGCGACCAC

RXC00110 - 3'-Region
TAAAAAAGGAGACTTCGATGGCC

RXC01971 - 5'-Region

AGGTCTTGTATTTTTCGGCTACTGATTTCAGTAGCTGCGCTCCGATAGGATTCTTAGTTTTTCAGTTCAGT
ATCTTTGAGCCACGGCTAGAATGTGAATCCT

RXC01971 - coding Region

ATGTCTAAGAAGAAGCCTCGCCCCATTCCGGTTCCTGCCCAATTTATCCCTGGTCTCATTGATGCGCAT
ACACATTTGGCATCGTGTGGAGGAGATCTTGACGGGTTGGTGGAAAGGGCCAAGGAGGCGGGCGTCGAA
AAGCTTTGTACCGTTCGGTGTGGTTTGGCTGAGGCCGAGCTTGCCTGGAGGCCGCAACAGTTTGGC
AATGTGTTTGTGCTGCGTGTGCGATTTCATCCGACGAAGGCTGATCAGTTGGATGGGGCTGCGCGTGC
CTGACGCAGATGGCGGCGGATCCGAATTGTGTGGCCATTGGTGAGACTGGTTTGGATTTCGATTGGATC
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GCAATTAGTGCGGATAAGCCGTTGATGATTACAATCGTGAGGCGGATGCTGATTTGATGCGAGTGTG
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GCGTTGGATCGTGGATATGTGTGAGTTTTGCGGGCAATGTGACGTTTAAGCGTAATGAGGAGTTGCGG
GAGGCTGCTCGTATTGCGCCGATTTCCAGATTTGATTGAAACCGATGCGCCGTATATGACGCCGAG
CCGTTTCGGGGGAGTAGGAATGAGCCGTCGTTGATTGGTCATACGGCGCTATGCATTGCGGAGGTTCCG
GGATGGCTGTGGAGGATGTTGCGGCGGCTTTGAATGAGAATTTTGATCGCGTTTATGGGGTCACAAAT
CTA

RXC01971 - 3'-Region
TAACGTGAGGTAGCTCACAGTCA

RXS00004 - 5'-Region
TTGCACTGTCATGACTGTATCCCGGAAGAAGTGTCCCTGCCGAGCCGAACCTCTGAACAATGCCTTCCG
GAAGTATTTTCCAATTCCCGATGTAGGGTCA

RXS00004 - coding Region
GTGCTGACTCAATTGATTGAATCATCGATTTTCGACAACGTTGCGAGCAGGGAGTCCTCTGAATTTCTC
GGCCATGCTGCCATCGATCTACTTGCTGGCCTTGTCTATGAAAAAGCCACTCCCTATGCTCCAGATGAA
GCACTTAGAGTGGCAGTTTATGGCTATATTTCGGGAGAACCTTGGATCCTCACAACCTACGGTCGCAGCT
GTAGCCGGGGCGCATAGAATCGCGTTTCGTACGTTGCATCGATTATTTGAAGGCGAAGCATACGGAGTA
GCGGAATTAATCCGACACCTCCGATTAGAGGCAGTATATGAAGACCTTCGGGATCCTCGCCTCCAGAAC
CTGACCATTTTGGCTATCGGCATGCGCCACGGCATTTCCAGCCAAGCTCATTTAACAAGACTGTTTCGC
GCTAAATATGGGGTACCGCCGCGCAGAGTTTCGCCGAGGGTATATTAATAGCGCTGCT

RXS00004 - 3'-Region
TGAGGGCACCGCAAGCGTGGCGC

RXS00156 - 5'-Region
ACCGAGAGCGTGGTACGCCTCATTTAGTTTCTCCTATGAATCTTGATGTGGTTCATGCGTTTTTATGC
AATATCAACCAAAAGTTGGTACGATCCTCAT

RXS00156 - coding Region
ATGAATGAACGCACATCGGATGCATTTGACGCCCTCCTTGTGCTCTCCTTCGGTGGTCCCGAAGGGCAC
GAGGAGGTTTCGTCCGTTTTTGGAGAATGTCACTCACGGAAGGGGGATTCCGCCGGAACGTCTAGATGAA
GTGGCGGTTTCATTACCACCACTTCGGTGGTATCAGCCCCATCAATGCGCTGAACAGGGAAATTATCGCC
AATGTGGAAAAAGAATTGGCGTCTCGCGATCACAAGCTGCCTGTTTATTTTGGTAACCGCAACTGGAAG
CCGTTTGATAATGAGGCCGCTGAACAAATGGCTGATGACGGCGTGAAAAACGCGCTGGTGTGGCAACT
TCCGCTTGGGGTGGCTACTCCGTTGTCGGCAGTACCAGGAAGATATTCAGGGCATGATCAAGCACCTG
GAGTCTCAGGGGCAGTCGATCAGTTTACCAAGCTGCGTCAGTTCTACGATCACCTCGTTTTGTCTCC
ACCATGGCTCAATTGGTTTCAGGATTCCTACGCGAAGCTTCCCGATGAGCTGCGAGATGAGGCGCGTCTG
GTCTTCACCGCGCACTCCATTCCACTGACTGCGGACAATGCTGCGGGAACCCCTGAGGATGGCTCCTTG
TATTCACGACAGGTCAAGGAAGCGTCAGCACTGATTGCTGAGGCTGTTGGTGTGTGAGATTTTGATGTG
GTGTGGCAGTCCCGCTCGGGTAGCCCGCACACTCCGTGGCTGGAGCCTGACATCGTGGATCACGCAGTG
GAGCTCAACGAGAAGGGTCAAAAAGCGCTCGTTGTCTGCCCTGTAGGCTTTATTTCTGATCATATGGAA
GTCATTTGGGATCTTGATTCCGAGCTGATGGAAGAAGCCGAGAAGCGCAACATGGTGGTTCGAGCGTGTG
GCTACCGTTGGCCCCACCGATGAATTCGAGCCCTTGTGGTTGATCTCATCGAGGAGGCAGAGCTCAAG
CGCGTTATCGAGCGCTTGGAAGCTGCCAGCACGCGGAAGTTCGCTCAACGGCGCACCGTGTGGCGAC
GGCTGTGTGGTACCGCCAAGCATAAAACCGCGCGGGTGAACCCCAACGCTCGCTCAGCGGCGCCAGCT
GCCAAC

RXS00156 - 3'-Region
TAGGAGTGATAGTCCCTCGCAA

RXS00166 - 5'-Region
GGCGTTTAGCGATCTTCAACATCGAGCAACCAGCGCCAGCGCTTTTACCCAAGGCAGCACGACTTATCA
CGATGTCCGACCTGGATATCCGGCTGAGGCC

RXS00166 - coding Region
GTGGAGTTAGCCCGTGGGTTTGGCCGAGTCCTGGATGTGCGGTGCAGGTACCGGAAACTAACCAGTGAG
CTAACAGCTGATCAGGTCCCTAGCCCTTGATCCAAGCATGGACATGTTGCGGGTGTTCGCTCCGCGCTT
CCGGCGGTTCCCTGCTGGCAAGCGACAGCAGAACACACAGGAATACGTGACAACGCGGTTGATCTGATT
ACGTGCGCACAAACGTGGCATTGGGTTGACGTGACGGCTGCCTCAGCGGAATTTGATCGGGTGATTGCA
CCTGAGGGTGCAGTCTGCTCGTGTGGAATAACCTGGACACCTCCATCGCGTGGGTACACCGACTCAGT
CGCATTATGCATGCCGCGATGTACTCAAGCCGGGATTACCCCAGAAACCGCAGCTCCCTGGATAATT
GATCGAGAAATTCGCACCACGTGGAATCAGCACCTCACCCCTGAAGAAATCATCCAGCTCGCTCACACG
AGGTCTTACTGGTTAAACGCGTCAGAGAAAATCAAAGAGCGTGTGATCAGAACCTTCAGTGGTATCTC
TACGAGCATTTGGGTTTCAGTCCCGACAATCCAGTGGAACCTCCCTATCGCTGTGATGCATTTTTACTT
TCACGTTCCGGTACCCTGGCAGGCAGATCTTCCAATCTT

RXS00166 - 3'-Region
TAGGAGCCCTCGCCATGTACCTG

RXS00197 - 5'-Region
GTCGATGATATTTTGGCAACCGAATCTGAGGCACGCGCGTGC GAATGCTTTGATCAACCGGTTGGCA
ACCAACTTGTAAGCTAAGGAGCTTCCGCCTC

RXS00197 - coding Region
GTGGCAGCCTATCTTCTTGGTGTCTGATTATTTTTTCTCGGCATCGCAGTAACCATCGCGCTTCACGAG
TGGGGGCACTTCATCACAGCGCGCATTTTTCGGAATGAAAGTGC GGCGTTTCTTCATCGGTTTCGGCCCG
ACGGTGTTTGCCAAAAGACGCGGCGAAACCGTGTACGGCCTTAAAGCGATTCCGGTTCGGCGGTTTTTGT
GACATCGCGGGGATGACTGCCAAGATGAACTTGATCCGGAAGACCTGCCGCGCGCCATGTATCTAAAG
CCCTGGTGGCAGCGCATAATTGTGCTTTCCGGCGGCGTGATCATGAATCTGATCGTTCGGCTTTTTTGGTG
CTTTACGGCGTGGCGGTGAGCTCCGGAATCCCGAATCCGGATGTGGATACCACCGCGACAGTCGACACC
GTTTCAGTGCGTGCCGGAACCCAAATTTCCGCAACTGAACTGTCCTCCTGCGTAGGTTTCAGGCCCGAGCG
GGCGACGCCGGCATTGAGCACGGCGATAAGATTTTGGCCGTCAACGGCCAAGAGATGGCAAGCTTCACC
GCCATCCGCGATGCGATCCTCGAGCTCCAGGGCGAAACGGCAACGCTGACGATTGAACGGGAGGGAAACG
CTTTTCGACGTGACCTCCAGGTTGCCTCTGTCAACCGTCTCGCCTCTGACGGTTTCAGAAATTACCGTC
GGCGCGGTGGGCATGTGAGCCTTCCACCGACCGATGTGTACAAAAAATACGGCCCAATCGAGGGTGTG
GGAGCAACTGCACGTTTACCGGCGACATGATCAGCGCCACGTGGGATGGCCTCAAAGCCTTCCCGGCG
AAAAATCCCAGGGGTGTCGTCATCCATCTTCGGTGCAGAACGAGATGTAGAAAGCCCCATGAGTGTGGTG
GGCGCCGTACGCATCGGCGGCGAATTTGTGAACGTTCCATGTGGGACATGTTTCATGATGATGCTGGCC
AGCCTGAACCTTCTTCTCGCGCTGTTTAACTCGTGCCGCTGCCACCACTTGATGGCGGACACATTGCC
GTGGTGATCTATGAAAAAATCCGCGACTTCTCCGCAAACTGCGCGGAAAACAGCGGGCGGGCCAGCG
GATTACACCAACTAATGCCCGTCACCGTAGCTGTGCGAGCCTTGCTGATGACAGTGGGAGGCCTGGTC
ATTGTCGCCGATGTGGTCAATCCCATCCGACTCTTTGGC

RXS00197 - 3'-Region
TAACGATACGGAATTGAACTGCC

RXS00288 - 5'-Region
GGCGTGCTAAAAAAGCACGTCAAATACAGAATCGGCAGATTACATCGCTGAGCAGAGAAAACACGGGCA
TGAAACGTACCCAAGGGCTAACATCGGGGGC

RXS00288 - coding Region
ATGAGCGCGCAAATGGATACCCCTGATCCCACTATGTCTGCTGTTGCAATGTTAGATTCCATCCCTTCT
GATCAACCAGATTTTCTGATCGATGTAGAAGTAGATCGACCAACTCCCGGACCACATGATCTGCTAGTC
CACATTGAGGCGGTCTCAATTAACCTGTTGATACCAAGGTACGCATGCGGGCCGGGAAGCAAAAGCAT
CCTAAAATTTTAGGTTTTGATGCTGCAGGTGAGGTGGTGGCTGTTGGATCGCAGGTACGCTCTTCAAT
GTTGGTGACAAAGTGTCTACGCAGGATCCAATCAGCGTCCAGGAAGTAACGCAGAGTACCAGGTGGTG
GATGAACGGCTGGTGGGTACGCACCACAAAGCTTGGGGGACACGACGCGCGTCTCTCCCACTTGTC
GCGCTCACTGCATGGGAGTCACTTTTTGACCGATTGGGAGTAACTCAGTCAACTACTGGAACACTGTTG
GTCTTGGGCGGTTTCAGGAGGTGTGCCTTCAGCTCTTATTCAACTTGCTCGAGCTCTCACTGGTCTGAAA
GTAGTGGCAACAGCTTCTCGCCCTGAATCACAAGAATGGGTGACAAAGCTCGGTGCTCATGAGGTGATT
GATCACTCCAAGGATTTGAGTGAGCAAATCTCCGACGTGGATTTTGTTCAGCTCGTGGACTACTGGG
CGTGAAGTAGAGCTCGCCACGTTGATGAAACCCAGTCCACCTAGTGCTCATCGATGATCCAGTGGAT
CCCAATTTGGGCGCTTTTAAAGCAAAAAGCGATCGCTTTGCACTGGGAGTTCATGTTTACCCGCGCTATG
TTCAACACTCCTGATATGGGTGAACAAGGGAAAATCTGAATAAGATCGCCGACATGGTTGATCGGGGT
CAGTTTGAGTCCGTGACAGCAACGGTGCTGGATGGGCTCAACGCTGCAAACATCATGGAGGGGCACCGG
CTCGTTGAGCAGGGTAAAACCTCAGGAAAAATTGTTGTGAGGGTA

RXS00288 - 3'-Region
TAAAGAGGACTTGAAAAATGCAC

RXS00624 - 5'-Region
TCCATGACGTTTTGAATGGAAAATCTCCATTTGTGGAGTTAGAAGAAGACCACTAGTTTTCAACAGGAC
GACAACGGCCGGACATGCGACAATACAATGC

RXS00624 - coding Region
ATGTCCGGCCGTCTTCTTGTTCAGTTTCTAGTATTTTCGACCAGACCCGATCGGCGGCTGACAGGCTC
ATTTTCAGACCTGCGAGCCGACGGCATCGAGGTCTCATTACTTGTGCGACCCCGCATCGATGGGGACTGG

CGTCTCGCCAAAGACAAAGGGACCCTCGCGTGGATGGAACAACAACGCGAACGCGGCCACGAACCTCATC
CTCAACGGTTTTTCGACCAAGCAGTTTCAGGGACGTCGCTCAGAATTCGCCAACCTTGAACGGCACGAAGCA
CGTCTTCGCCCTTACCGGTGCCATTAGGCAAATGCAGAAAATTGGCTTCGAATTCCAAATCTTTGCCCCA
CCTCGTTGGAGAATGTGAGAAGGCACCTTCGCGGTACTCCCAGAATTTGATTTCAACGTCGCGCCCTCG
ACCAGGGGATTACATAACCTCGACACCGGCGAATTCTTGGCGTGTAGAAACCTCTCCGTGGGTGAAGGT
TTTGGTGCTGCAAAATGGTGGCGCAAGAATGTATCAAGGCTGTCACTCGTGGAGCGGAAAAAGGAAAT
ACAGTGCGCTTGTCCGCATCGGCGCGAAATCTCACCAACCCTAAAGTCGCAGCTGACTTCCGGGAAGCT
GCATTAGCTGCCTTGGATTTGGGTGCTCAGGTGCAAACCTATTCTCAGGCGGCCGCACAACCTGGCC

RXS00624 - 3'-Region
TAGTTGGGGAGGTTCGGGGCACC

RXS00949 - 5'-Region
GCTCAAGGATCCTTCCTGGGCAAACCAAGCAGCCCTCGCACTAGGTGCGGAACCCAGGTATGTTACCA
ATACGACTACGTACTTTAAAGGAGAGTTGAC

RXS00949 - coding Region
ATGAAGGTTTTTCATCATCGGCGCTGCGGGTGGCATCGGCAATCGACTTTCCAGCCTGCTTCACGCCAGG
GGAGATGCAGTTAGCGGCATGCACCGCAATCTTGAGCAGGCCTCAAAAATCACAGACACTGGGGCAACT
GCCGTACTCGGGGATCTCATCCACAACAGCACGGAGGAGCTTGCGGAGCTTTTCCGCGGTACAGATGCC
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CGTAAAGCCGCGACGCTGCCAGCGCGGCCAACGTTTACGCTTCATCTTGGTCTCTGCGTTTCCGGAA
TCCTCCCGCGGGGAGAACACCCAGGAGAACTTTGAGCACTATATGAAGGTGAAGAAGTCCGCGCATGTC
TACCTCAGTCACTGACCTAGACTGGGTATTGTCCGACCAGGCGTGCTTCAAGATGAGGCAGGGGAT
GGTTTAGTCACTGCTGGCTTAGCGATTAATTACGGCAATGTTGCTCGCGATAATGTGCGAGCGTTTATT
GATGAAGCTCTGCATCAACCGCAGTTGTCAAAGATCATTTGTTGAACCTACCGACGGTTCAACTCCGGTG
CGGAAGCCGTAGAAGCCTCATCAAG

RXS00949 - 3'-Region
TAAAGACGAAAAGAGGGAGAATG

RXS01000 - 5'-Region
CTTCTATGCCTACGCGATGTTTCCGTGATCATTTCTGGAAATCCTCATCGTGGTGATTGTCATTGAAG
TAATCTCCAACGCACCTTCGAAAGAGGCTGGT

RXS01000 - coding Region
ATGAGCACCTTAACCTCTCACCGCACAGTACCGGCCCCAGCTCTCCCCGCGCGCCCCAACAACTG
GCGCGCAATATCGTTGCAATTGTGCGTGCCTGATTGTCTTATAGCTACCGGCACGCTCAAGATCGAG
TGGAATGAGCTTCCGCAGATGCCCCGCGCAGGTGTGGCATTACTTAGAGCTGATGTTTAGCGATCCCGAT
TGGTCGAAGTTTGGCCGCGCCGTCCAGGAAATGTGGCGTTCCATCGCCATGGCGTGTTGGGTGCCATT
TTATGCGTGGTGGTCTCTGTCCCTCTGGGAATGTGGCTGCCCGCGGGGTGGGACCTTATTGGCTGCGT
ACCGTTTTACGGTTCGTGTTGCGGGTGAATCGTGCGTTCCCCGAAGTGGTTATCGCAATTATTTTGCTA
ACTGTCACCGGCCTAACTCCTTTTACTGGTGCCTCGCATTTGGGTATCTCCGGTATTGGACAACAGGCA
AAGTGGACCTATGAAGCCATTGAGTCCACTCCACCGGCCCGTCAGAGGCAGTGCCTGCAGCGGGTGA
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TACCGCTTTGAGATCAACATCCGTACCTCTGCGGTATTGGGCATCGTTGGTGCAGGTGGTATCGGTAGT
ATGCTTGCCAATTACACCAACTACAGGCAGTGGGACACCGTGGGCATGCTGCTCATCGTCTGGTTGTC
GCAACGATGATCGTCTCATCTCCGGCACCATCCGCCCGGCATCATGAAGGGGGCTAGTGACCGT
GTCGTGGCACCAAGCAAC

RXS01000 - 3'-Region
TGACGCTCCACCAAGCATCCGCA

RXS01002 - 5'-Region
GACTGCTGATACCGCACAGGATGAAATCACTCGTTACGGCGAGATCCTGAAGAAGTTCTCCAATAATT
TCCCTGTTTCCAATACTCAAGGTGTGCGCAT

RXS01002 - coding Region
ATGAATTCTGATGCTTCGGCTACCACCAACTCCTGGGCTATCAACTTCGACCATGTGTGCGGTGACGTAT
CCCAATGGGACGAAAGCCCTCGATGATGTTTCCCTCACCATCAATCCCGGTGAGATGGTTGCCATCGTG
GGTCTGTCAGGATCGGGTAAATCCACGCTGATTCGCACGATCAACGGTCTTGTCCGCGCTACGGAAGGC

ACCGTGACGGTGGGGCCGCATCAGATCAACACCTTGAAGGGGAAAGCACTGCGTGATGCCCCGTGGGCAG
 ATCGGCATGATTTTCCAGGGTTCAACCTGTCCGAACGCAGCAGTGTGTTCCAGAATGTTTTGGTGGGC
 CGTTTCGCGCACACAGCGTGGTGGCGTAACCTCCTCGGGTTTCCCACGGAGCACGACAAGCAGATTGCT
 TTTCACGCGTTGGAGTCCGTGGGCATTTTGCACAAAGTGTGGACCCGAGCTGGTGCTTTGTCTGGGTGGA
 CAGAAACAGCGCGTTGCTATTGCGCGCGCCTTATCGCAAGATCCGTCTGTATGCTGGCAGATGAGCCT
 GTGGCAAGCCTTGATCCGCCAACCGCGCATTCCGTGATGCGCGATCTAGAAAACATCAACAACGTGGAA
 GGCCTCACCCTGTTGGTGAACCTGCACTTGATTGATTTGGCTCGTCAATACACCACAAGGCTTGTGGGT
 TTGCGTGCCGGCAAGCTGGTCTATGACGGTCTTATCTCTGAGGCCACCGATAAAGACTTTGAAGCTATC
 TATGGTCGCCCCATCCAGGCTAAAGACCTGCTAGGTGATCGCGCA

RXS01002 - 3'-Region
 TGACCACGCCTTCTTCTACACTT

RXS01003 - 5'-Region
 AGCTGGTCTATGACGGTCTCTCTGAGGCCACCGATAAAGACTTTGAAGCTATCTATGGTCGCCCCA
 TCCAGGCTAAAGACCTGCTAGGTGATCGCGC

RXS01003 - coding Region
 ATGACCACGCCTTCTTCTACACTTATCCACAAAAGCCTCGGGCTGGGGTAAAGACCTATCTCATCATC
 GCGGCCATCGTTGTCTTACCGTGGCAACAGCAACCCAGCGCTAGGTGGCATTGAGCTTGATTTGCGCT
 TCCATTGCTGCGAATTGGCGCAATGGTGCCAACTCCTGCAAATGCTGCAGCCCAACTTTGCGTTC
 TTGCTCGTACGTGGCTTCCCATGTTGGAAACCTGCAGATGGCGCTTGTGGAGCTGTCTTGTCTGCT
 GCGGTATCGGTGCTTTGACGTTGTGGGCAGCGCAGGCAACCAACACAGTGCAGTGGTGGTGGCATT
 GTCGCGACCATCATTAACGTGGTGCGCTCTGTCCCCGACTTGGTGTATGCCACCATCTTGGTCGCCATG
 GTTGGTGTGCGCGCATTACCTGGCATTTTGACGCTGTTTCTGTTCAACCTGGGCATCGTGGTCAAGCTT
 GTCTCTGAGGCCATTGATTCCACTGAGCATCCCTATATGGAAGCAGGACGCGCAGCAGGTGGATCACAG
 TTCCAAATCAACCGAGTCTCCGCGCTTCTGAAGTCATGCCGCTCTTTGCCAACCAATGGCTCTACACC
 CTAGAGCTGAATGTACGCATCTCCGCCATCCTTGGCATCGTGGGCGCAGGTGGCATCGGCAGGCTGCTT
 GATGAACGCCGAGCTTTCTATGCCTACGCGGATGTTTCCGTGATCATTCTGGAAATCCTCATCGTGGTG
 ATTGTCAATTGAAGTAATCTCCAACGCACTTCGAAAGAGGCTGGTA

RXS01003 - 3'-Region
 TGAGCACCTTAACCTCTCACCGC

RXS01114 - 5'-Region
 TTCGGTGAAGATATCCGCAAGCTGGTGCTGCCGAGCTTTTAGAAACGGCTCAAGCAATTTGACAGA
 TCTCTCTGCACTCTAAATTAAGGATCAAAAA

RXS01114 - coding Region
 ATGAACCCTCAAGATATTGTCTATCTGTTCCCCATTGCGCACCCAGTTGGTGCTTACGGCGGATCCTTC
 ACCGGCGTCCCTGTTGAAGAATTGGCCACCACCGTGATCAACGCGATCGTTGAGGCAACCGGCATCACC
 GGCGACGATGTGGACGATCTGATCCTCGGCCAGGCATCCCCCAACGGTGCAGCTCCAGCACTGGGCGGT
 GTTGTGCTCTAGATTCCAAGCTTGGCCAAAACGTTCCAGGCATGCAGCTTGATCGCCGCTGTGGTTCC
 GGCTGACAGCAATCGTACCGCTGCTGCACACGTTGCATCCGGCGCTGCTGATCTGATCATCGCAGGT
 GGCGCAGAAATCCATGAGCCGCGTTGAGTACACCGTGTCGGCGATATCCGTTGGGGTGTCAAGGGCGGC
 GACATGCAGCTTCGTGACCGCCTTGCAGAAGCACGCGAAACCGTGGCGGACGCAACCAACCCGATCCCT
 GGTGGCATGATCGAGACCGCTGAGAACCTGCGTCGCGAATACGGCATCTCCCGCGAGGAGCAGGACAAG
 ATCTCCGACGCTCCAGCAGCGTTGGGGCAAGGCTGCTGATGCGGGGCTTTTCGACGACGAGATCGTG
 CCAGTACCGTCCCTGCCAAGAAGCGCGGCCAGGAGCCAACCATCGTTTCTCGAGACGAGCATGGTCGA
 CCAGGAACAACCGTCGAAAAGCTTGCTGCTTTGCGCCCCATCATGGGCCGCCAGGATGCGGAAGCAACC
 GTCACCGCTGGCAACGCGTCCGGCCAAAATGATGGCGCTGCTGCCGTCATCGTGACCACTCGCGCCAAG
 GCCGAGGAGAAGGGCCTGCGCCAGTCATGCGTTTGGCTGGCTGGTCTGTGGCTGCTGTTCCCCCAGAG
 ACCATGGGTATTGGACCTGTTCTGCCACCAAGAAGGTCCTGGATCGTTTGGGCCCTTACCCTGGAGGAC
 ATCGGCGCGATCGAACTCAACGAAGCTTTGCGAGCTCAGGCACTGTCTGTGCTGAAGGAATGGAACATT
 TCTTGGGAAGATGAGCGCGTCAACCACTGGGTTCCGGTATTTCCATGGGACACCCAGTCGGTGCCACC
 GGTGCTCGCATGGCAGTAACCTTGGCTCACCGCATGCAGCGTGAAAACACTCAGTACGGACTGGCCACC
 ATGTGCATCGGTGGCGGCCAGGGTCTTGACGCTGTCTTTGAAAAGGAGAAC

RXS01114 - 3'-Region
 TAAAAATGGCTATTTTGCACAGC

RXS01205 - coding Region

GTATCGGCCTATCCGCCGCCATCATCGCAGCGGCTCTCGTAGGAATTTGCGCGGGAGTTTTGCCCCAT
 AATTTTGAACCCTCGCGAATATTTATGGGCGATTCCGGCTCCATGCTCATCGGCCTGCTGTTGGCTGCA
 GCATCGACCTCAGCGTCAGGAAAAATCAACATGAGCCTGTATGGCGCAGCTGATTTTATCGCATTGATC
 TCACCCATCATCGTTGTTTCTCGCCGCGGTGGCCATCCCACTGCTCGACCTCGTGATGGCAGTGGTTAGG
 CGCGTGCGGAGGGGAGCATCACCTTTTCCCCGGACAAAATGCATCTGCACCACCGACTGCTGTCCATC
 GGACACACCCATAGGCGCGTGGTCCTAGTGCTCTACACCTGGGCGAGCGCCGTGGCATTGCGGCGCAGTG
 AGCTTCTCCGTCGTTCCGCCACTGTTTGCCACCGGATCGAGCATCTGTGGCATCTCATCGCCGTCGCT
 GTCACAGCCGTGCCAGTGATGAAAAGCCGGCGAGCCGCCAACTTGAT

RXS01205 - 3'-Region

TAAGTGATTGTCACTTTGGATTG

RXS01223 - 5'-Region

GCGGGAGTGGACGGGCCGAGCCATCGGGGCGACAATCACGGGAGTTTTCAACGTGTCAAGGATGCTC
 ATGGCACCATCCTAGGCGCGCCTGCCATAGG

RXS01223 - coding Region

ATGACTTCCGTGAGTTTTTTGTCTAAAATCCAAGCACTGTTTGCCCCAAGCCTGAACTTCCCGCCGCC
 AAATGGCTGGTCTGTTGGGCTGGGCAACCCCGCGCCAAAGTACGAATCCACCCGACACAACGTCCGTTAC
 ATGTGCCAAGACATGCTTATCGACGCCCACCAGCAGCAGCCCCCTACCCCGCCACGGGCTACAAGGCC
 CTCACAACGCAGCTCGCACCAGGGGTGCTCGCCGTTTCGATCCACCACTTTTATGAACCACTCCGGCCAA
 GGTGTCGCACCGATCGCCGCGAGCGTTGGGTATCCAGCAGAGCGCATCATCGTGATCCACGACGAGCTC
 GATCTGCCCCGCTGGAAAAGTACGCCTGAAAAAGGGCGGAAAACGAAACGGTCAACAACGGCCTGAAATCC
 CTCACGGAAGAGCTCGGCACCAGAGACTACCTGCGCGTCCGCATCGGCATTTACGACACCAGCAGGA
 ATGGCCGTGCCGACTACGTTTTGGAACCAGTCGATCACGACCAACCAGGCATTGAACTTGCCGCCGAG
 GCAGTGATTTGCTGCTGGCCCAGGGATTATCTGCTGCGCAAACGCTATCCACAGCCGC

RXS01223 - 3'-Region

TAGATTGCTAGAGATTCGCCGAC

RXS01269 - 5'-Region

GATTATCTCTGCGCCGATTACAGCTGGCAATAGCAGCAGTTGTATTGAGAGCTCATGGTCGTCCGATTCT
 ATTTTCGTCAACCACGACCTGGGAAAGACGGT

RXS01269 - coding Region

GTGGTATTTGAGATGATTAAGTTTTCGAACCATGCTTGAACCAGATGAAAAACATGTAAGTATGAACAG
 CGTCTAACTAAAGTTGGAAAGCTTCTGCGGGGAAACGAGTTTAGATGAGTTACCTACACTCTGGAATGTA
 TTAAAGGTGATATGAGCCTTGTAGGGCCTCGACCTTTGCTTGTAGCTATCTGGAACATTACTCTTCT
 GAACAAGCTCGACGCCATGAAGTTTCGTCCTGGGATTACTGGTTTGGCTCAGGTGAATGGCCGTAATCAA
 ACTACTTGGGATGAACGACTTAAGTTGGATGTGGAATATGTGGATCGCTGTAGTTTGAAACTAGATTTC
 AAAATATTAATCGCCACTGTAAAAACAGTTCTTTCTAAAAAGGGCATTAGTAATGAAGGTCATGTCACG
 ATGCCATCCTTCATTGAAGAAAGAAAA

RXS01269 - 3'-Region

TAGCAGGTAAAAATTTTACTTTC

RXS01421 - 5'-Region

TTGATGCACGTGCAGAAATCGTCGGCGGTCCGTGGCACCCATCTGTAAAGGGAGACTCGGTTACTGCAG
 GGATCCTGCGAGATCGAGTAAACGCCTAAAG

RXS01421 - coding Region

ATGACGTCGAAAAGCATTAGCGGCAAGCGCCCGAATCTGCCGTCGCTCACTGGAGCGCGGTGGCTCGCG
 GCGCTCGCTGTTTATTTTTTGCATGCGTTGGTGTTTTGTGCGGTGTATCCGTTCCAGCAGTCGGAACCTG
 TTTGCCACAATCCATAAATTTGTCCCATGCAGCTGGGTTTCAGCTGGTGTAACTTCTTCTTTATCTTG
 TCCGGATTTTGTATCTATTGGTCAAATAGCCAGCTCAAGGGCATGAAGAATGTGCTGTATTACTGCAAG
 CGCCGCATCACCAAGATTTATCCCATGCACTTGATTGCGTTGCCGATGTTTATTGAGGCGTCGGCGAAG
 TTCACGACTACAGGCATTACCTGGGTGCTGATTTTGC GCGAG

RXS01421 - 3'-Region

TAAAGCTGTGGCTGCGGAATGCG

RXS01491 - 5'-Region

AACGGTGTGAAACACATTGAAGTGTGCTTGGGTTATCCGCGCGAATGGGAGCATTGGTCTGGGCAGCAT
GTGTGGCCATATCCAGTGATGGAGGTGGACA

RXS01491 - coding Region

ATGCTGGATGAGTCTTTGTTTCCAAATTCGGCAAAGTTTTCTTTCATTAAAACTGGCGATGCTGTTAAT
TTAGACCATTTCCATCAGTTGCATCCGTTGGAAAAGGCACCTGGTAGCGCACTCGGTTGATATTAGAAAA
GCAGAGTTTGGAGATGCCAGGTGGTGTGCACATCAGGCACCTCCAAGCTTTGGGACGAGATAGCGGTGAT
CCCATTTTGCCTGGGGAACGAGGAATGCCATTGTGGCCTTCTTCGGTGTCTGGTTCATTGACCCACACT
GACGGATTCCGAGCTGCTGTTGTGGCGCCACGATTGTTGGTGCCTTCTATGGGATTGGATGCCGAACCT
GCGGAGCCGTTGCCCAAGGATGTTTTGGGTTCAATCGCTCGGGTGGGGGAGATTCTCAACTTAAGCGC
TTGGAGGAACAAGGTGTGCACTGCGCGGATCGCCTGCTGTTTTGTGCCAAGGAAGCAACATACAAAGCG
TGTTTCCCGCTGACGCATAGGTGGCTTGGTTTTGAACAAGCTGAGATCGACTTGCCTGATGATGGCACT
TTTGTGTCCTATTTGCTGGTTCGACCAACTCCAGTGCCGTTTATTTTCAGGTAAATGGGTACTGCGTGAT
GGTTATGTCATAGCTGCGACTGCAGTGACT

RXS01491 - 3'-Region

TGAACTGGATGGAGAGGATACCT

RXS01572 - 5'-Region

CTGCTGTGCGCAGGCATCACCACCTACTCCCCAATCGCTCGCTGGAACGTTAAAGAAGGCGACAAAGTA
CGAGTCATGGGCTTCGGCGGGACTCGGACAC

RXS01572 - coding Region

ATGGGTGTCCAGATCGCTGCAGCCAAGGGTGTGAGGTTACCGTTCTGTCCCGTTCCCTGCGCAAGGCA
GAACTTGCCAAGGAACCTCGGCGCAGCTCGCACGCTTGCAGCTTCTGATGAGGATTTCTTACCCGAACAC
GCCGTGAATTCGACTTCATCCTCAACACCATTAGCGCATCCATCCCAGTCGACAAGTACCTGAGCCTT
CTCAAGCCACACGGTGTGCTGCTGTTGTGCGGTCTGCCACCAGAGAAGCAGCCACTGAGCTTCCGGTGCG
CTCATCGGCGGCGGAAAAGTCTCACCAGGATCCAACATTGGCGGCATCCCTGAAACCCAGGAAATGCTC
GACTTCTGTGCAAAACACGGCCTCGGTGCGATGATCGAACTGTGCGCGTCAACGATGTTGATGCAGCC
TACGACCGTGTGTTGCGGCGGACGTTTCACTTCCGCGTTGTCATTGATACTGCTTCGTTTGCTGAGGTT
GAGGCGGTT

RXS01572 - 3'-Region

TAGGTTTACTGAAGTTCAGACTT

RXS01642 - 5'-Region

TTGGAATCACTGTGTCTTGCAGCTAGTCTGCCACTCGCACTGCATTTGCTGGATGTATTTGGAATGCTG
CGCGGTCTTGATATTGGATTCCGGTGGATAAG

RXS01642 - coding Region

ATGCGCAGACTCATCGCGTTAGCTTGGCCGCTCTGTTTATGTTGGCTTCCACTCCAGCGACGAGGGCA
CAGGAAGTAGAAGCTCTCGCTTGCCCCGAGGTAGCGATCGCCGATCCTTCCCTCCGCGAGTTTTAGATGAA
CACCTTTCGCGAGTCATTATCCCAAGCTCACCAACTAGCAACTGGCGCCGGTGTGATGGTGGCAGTCATC
GACACCGGAGTATCCCTGCATCCACGTCTGCCCCACTTAATTCCCGGCGGTGATTTTCGTGGGCGCCAC
CAAAGCCCGGATGTGCCAGGTGAACCTATCGATTGCGACGGCCACGGCACCATCGTCGCCGGAATCATC
GCCTCCCAAGGAAACCCCGGCACCGGCTGGCCATATGACGGCAGCTCCGATCCTTATATCGGTGTGCGC
CCAGATTCCGGAATCATCTCCATTAAACAAACCAGCTCATATGTGCGTACTCGTGAAGATTCCAACGTC
GGAACGCTGAGCACCTTGGCGGAATCCATCCACCGAGCTCTCGATTCCGGTGCCACGTGATCAATATT
TCCGTGGTGTCTGTTTGGCCCAATCACCCGACGAGGCCGCGATCGTTCCAGCCTCTGACGGATGCTCTT
AACAGAGCAGAACCTCAAGGGGTGATAGTGGTGGCAGCAGCAGGAAACCTCGGGCAGGATTGTCCAGTT
GGATCTACCGTTTATCCTGCACATTACAGACACTGTGCTCTCTGTGTCGGCACGTTTTGATTCTCACACG
CTTGCAGAATATTCCATGCCTGGCAACCAACAAATCCTCTCTGCACCAAGCCACATTACAGGCTGGTCTA
TCACCGCGTGGCGACGGCTTCGCCAGCCACATGATCACCACCGCTGGCGAAAGCCCTTCGAGGGCACC
AGTTTTGCCGCTCCAGTTGTGACGCCACAGCTGCACTGCTTCGCCAGCATTTTCCCTTTGCCACACCC
TATGAAATTCGTGCACGAATCTTCAACAGCATCGACCTGCAAGAGGCGCTATTGATCCCTACCTGGCA
CTTACTCAAGAAATCTATCCCACTCCCTGGTTCATGAGATCGCACTAAGTGTTCACGCGCGCG
GATGATTCTCCACGGGAGCGGGCATCCTAGTTACCGCAATCATTGTTGGGTTGCTCGCAGTGTTAGCT
GTGCTGATGGGACTACGCCGAATTCATCATCACTCGGCCTTTCAAAAAGCTAGCTCAAGTGTTATCACT

RXS01642 - 3'-Region

TAATCTATGAGGCACCGTTCAGA

RXS01902 - 5'-Region

GGCTGGTCCGAAGTGCAAACCTTCAACACCGGCACCTACGGTGACAACTGGAACCTCCTCTTCTTCGGC
GACACCCAGCTGTACAACACCCACTCCAACC

RXS01902 - coding Region

GTGCAGAAGAAGTCCAGAACTGGGCAAACAACCTGGAACGGCGGCCACCAATCGAAAACCCAGGAACC
TCCTTCATCTCTCCGCGGGTGATCAGGCAAACCACTCCAGCTGGGACGAGCACTCCGCATACATCTCC
CCAGAAACCTGCGCAACTACCGTCTGGCCGTGAACAATGGAACACGACCAGTACAACCTACGACGCC
TACAACGCGATGTACCCACGCCCTAACAGGTCGATGAGAACTACTTCTTCGAGTACAACAATGCACTC
TTCTGTCCCTGGACTCCAACGACTACTTGGACATCGACGACGACATCGCATTCCTTCGCGACACCGTC
GCAGCACACGGTGACGACAAGGACTGGATCGTCTGACCTACCACCATTCCACTTTCTCCCAGGCCTAC
CACATGGATGACGCTCGCATTAAAGTACCAGCGCGAACGCCTACCCCACTGATCTCTGAACCTGAACGTT
GACTTGGTTCTCGGTGGACACGACCACATCTACACCCGCTCCACCTGATGAACGGCTTACCCCCAGTC
GATGCAGGCCGCGAAGCAGTTGTGGTGAACTCTGAACCCTAAGGCCGCGCAAGTTGTTTACCTTGCA
ACCAACTCTTCTCAGGCTCCAAGTTCTACGACTTCTACGACTTCCAGCTCGGCCAGCGTTACGACACC
GGACTGGATTTCCAGGAAACCGTCGATCAGAAGAAGATCCGCACCTACACCGCAGTCTGGAACAGGAC
CAGGTTCCAGGACTACACCAACGTTGAACCTGACCCAGAGGCCCTGACTGTGACCACTAAGGACGACGTC
TCCGGCGAGCTGGTTGACCACTTACCCCTGAGCAAGCAGGACCGCGACGAAGAATCTGAAGTCCCAGTT
GAAGATGACAAGGACGAGACAACGCGACCGGCTCCTCCAACCTTGGTCTAGCTGCTATCTTGGCTCCA
GTTCTGGCCATCTTCGGTTTCGTGGTGACTCTTGTGGCGCGGCTCCCTCGCTGAGTTCTTTGCC
AACCTCGGCGTGAAGATGCCTTTC

RXS01902 - 3'-Region

TAATACTGTCTGAGATTCAAGCA

RXS02453 - 5'-Region

AACCAACAAAGGTCATCTCAACCGGCTTAAGAAAATTCTGCCAGCTTTCTGCTGATTGAATCGTGCCAG
CTCAGGGCATATCTCACCTAAAGTAAACACC

RXS02453 - coding Region

ATGAAATCAATCTTCAATTTCCGGTGCGGCGAACGGAATTGGCAAAGCTGTGGCGTTGAAATTTCTTCAC
GAAGGTTGGCTCGTTGGAGCCTACGACCTCGCGGAAATCACCTACTCACACCCCAATCTTCGCTGGGGC
TACCTCAATGTTGACAGTCCGAGTCGTGGGACAAAGCCCTAGAAGACTTTGCGACGCACACCGGAGGC
ACCATCGATGTGGTGGACAATAATGCCGGCGTAATTATTGAGGGACCGCTGCAGGACGCAGAGGAGGG
AGCGTCGACAAGCTTCTTGCAATCAACGTCAATGGCGTGACTCTTGGTGCCCGCGCCGCTCATCTTAT
TTGGCGCGCACGCCGGGCGCCAGTTGTTAAACATGTCCTCGGCGTCGGCGGTGTACGGGCAGCCCCAG
ATCGCGGTGTATTTCGGCTTCGAAGTTTACGTCGAGGTCTTACTGAGGCGCTGAATTTGGAGTGGCGG
AAAGACGATATTCGCGTGGTTCGATGTTTGGCCTTTGTGGGCGAAACCGATTGTTGTAACGGCGTGAAG
GCTAAGTCACTGAAGCGTTTGGGTGTCCGGATCACTCCGGAACAGGTGGCACAGGCGGTATGGGATGCG
GTGCATCCGAAATCTCGGTGGGCGAAGGGAAAGGTGCATCACGGGGTGTCAAAGTTGGATAAGGCGCTG
TATCTCATGAAATCTCTGTGCCTGATCGGGTAGCGATGTGTTTTGCGCGACTAATCGCCGGA

RXS02453 - 3'-Region

TAAATGAATTGATTATTTTAGGC

RXS02474 - 5'-Region

TGCTGGTCTATTGTGGCGACCGAGGGCCTTTGAAGGTTTCGACAACTGTATAAGGCCTTGAATCTTGAG
AATTTATTTTGAAGGAAGCAAGAGGAAGTGTC

RXS02474 - coding Region

ATGAGCAAAGTTGCAATGGTTACCGGTGGTGACAAAGGCATCGGTCTGGAATTTAGAGAAGCTGGCA
GCAGATGGTTTCGATATTGCCGTAGCCGACCTGCCACAACAGGAAGAACAAGCTGCAGAGACCATCAAG
TTGATTGAAGCTGCAGGTCAAAGGCTGTATTCTGTTGGATTAGATGTCACCGATAAGGCTAATTTGAC
AGTGCAATTGATGAGGCAGCAGAGAACTTGGCGGCTTCGATGTGCTAGTAAACAACGCCGGCATCGCA
CAAATTAAGCCACTTCTGGAAGTCACCGAAGAAGACCTAAAGCAGATCTACTCCGTGAACGTTTTTAGC
GTATTTTTTGGTATTCAAGCAGCATCCCGAAAGTTTCGATGAGCTTGGCGTAAAAGGCAAGATCATCAAC
GCTGCATCAATCGCTGCTATCCAAGGTTTCCAATCTTGAGCGCCTACTCCACCACCAATTCGCGGTT
CGTGGCCTCACCCAGGCTGCTGCGCAAGAATCGCACCCCAAGGGTCACACCGTGAATGCCTACGCACCT
GGCATCGTGGGACCGGAATGTGGGAGCAAACTCGATGCCGAGCTTTCCAAGATCAACGGCAAGCCAATC
GGTGAGAACTTCAAGGAGTACTCCTCCTCAATCGCATTTGGGCCGACCATCAGTACCTGAGGATGTAGCC

GGTCTGGTTTTCGTTCTGGCTTCTGAAAACCTCCAACTACATCACCGGACAGGTCATGCTTGTGACGGC
GGCATGCTCTACAAC

RXS02474 - 3'-Region
TAGGGGTTGCTTTCCCGCACTCA

RXS02485 - 5'-Region
CGGTGGTCAGTGCTTGGTGCACCTTGCCGACGGGCTGATTGATCGTAATGGTGTCTTCTGTACGCGTTG
CCATGAGGATAAGACTACCGTTAGTGGGGTG

RXS02485 - coding Region
TTGGATTTCATCGCTAGCCCAGGAAATCGCCGCGATCGACGGCGTCGAACTCGATTTCGGAAGTCACTTTC
GCCGATCTGACGACCCTCCGCATCGGCGGAAAAACCCCGCAGCGCCGTACGTTGCCAGACCACGGAGGCG
CTGGTCAGCGCCATAAAATTGCTTGACGACGCTCCCTCCCTCATTGTGCGGCGGCGGGTCCAAT
CTCGTCGTGGCCGACGGCGATCTGGATGTTATTGCCGTCATCATCGAAACCGACGACGTCTCCATCAAC
CTCACCGACGGTCTCCTCACCGCCGATGCAGGCGCTGTTTGGGACGATGTTGTCCACCTTTCGGTGGAT
GCCGGCCTCGGTGGAATTGAATGCCTCTCCGGAATCCCCGGCTCCGCGGCGCCACCCAGTCCAAAAC
GTGGGCGCCTACGGCACGGAAGTTTCCGATGTACTACCCGCGTCCAGCTTCTCGACCGCACCACCCAC
CAAGTCTCCTGGGTGACGCGCTCCGAACTCGACCTCTCTTACCGATACTCCAATCTCAAATTCACCAAC
CGCGCAGTCGTCTTGGCGATCGAACTCCAGCTCCTCACCGACGGATTGTCCGCGCCGCTACGTTTTGGT
GAATTGGGACGTCGATTAGCGATCTCCGAGGCCGAACCCACCCACGTCGCCCCGTCCGATGGTCCGC
GACGCCGTCTAGAACTCCGCGCGCCAAAGGCATGGTCGTGGAACACACCGACACGACACCTGGTCC
GCCGATCCTTCTTACCAACCCCAATCGTCGACCCAGCCCTTGCCGACGAGTCTTTGAAAAAGTCGGC
GAACCCACCATGCCCGCTTCCCGCGCGATGGCAAAGAAAACTCTCCGACGCTGGCTCATCGAA
CGCGCCGGCTTCAAAAAGGGACACCCCGCGCAGGCGCAAAGCCTCCCTGAGCACCAAAACACACCCCTC
GCACTCACCAACCGTGGCGACGCGCGCTCCGACCTCGTCGATTAGCCAAAGAAATCCGCGACGGA
GTCCTCGAAACCTTCGGCGCTCACCTCGTCCAGAACCCGTCTGGATTGGAATCAGCATCGATGAC

RXS02485 - 3'-Region
TGAATTTTCCGACGTCCCTGGCA

RXS02539 - 5'-Region
GGCTGCTAAGCGTGCGAATGTGCGCGTTGTCACAATCGTTGACCAAGTGTACCTGACGCACAGGTAGT
GCTCAGGTGGAGGTGGCCAAAGGAGACCCA

RXS02539 - coding Region
ATGACTGTCTACGCAAATCCAGGAACCGAAGGCTCGATCGTTAACTATGAAAAGCGCTACGAGAACTAC
ATTGGTGGCAAGTGGGTTCACCCGGTAGAGGGCCAGTACCTTGAGAACATTTACCTGTCACTGGTGAA
GTTTTCTGTGAGGTGCGACGTGGCACCAGCGGACGTGGAGCTTGCACTGGATGCTGCACATGCAGCC
GCTGATGCGTGGGGCAAGACTTCTGTGCTGAACGTGCTCTGATCCTGCACCGCATTGCGGACCGCATG
GAAGAGCACCTGGAAGAAATCGCAGTTGCAGAAACCTGGGAGAACCGCAAGGCAGTCCGTGAGACTCTT
GCTGCAGATATCCCACTGGCAATCGACCACTTCCGCTACTTTGCTGGCGCGATCCGTGCTCAGGAAGAT
CGTTCCTCACAGATCGACCACAACACTGTTGCTTACCACTTCAACGAGCCAATCGGTGTTGTTGGTCAG
ATCATTCCTTGGAACTTCCCAATCCTCATGGCTACCTGGAAGCTCGCACCGGCACTTGTCTGAGGTAAC
GCGATCGTCATGAAGCCAGCTGAGCAGACCCAGCATCCATTTTGTATCTGATTAACATCATCGGCGAT
CTCATCCCAGAGGGCGTCTCAACATCGTCAACGGACTCGGCGGTGAAGCAGGCGCTGCACTGTCCGGC
TCTAATCGGATTGGCAAGATTGCTTTACCCGGTTCACCGAGGTCCGCAAGCTGATCAACCGCGCTGCA
TCCGACAAGATCATTCTGTACCCCTGGAGCTCGGCGGTAAAGTCCCCATCCATCTTCTTCTCCGATGTT
CTGTACAGGATGACGCTTTCGAGAGAAGGCAGTTGAAGGCTTCGCGATGTTCCGCCCTCAATCAGGGT
GAAGTTTGTACCTGTCTTCCCGTGCCTTGTTCATGAGTCCATCGCTGATGAATTCCTCGAGCTTGGC
GTGAAGCGAGTTCAGAACATCAAGCTGGGTAACCCACTTGATACTGAAACCATGATGGGTGCTCAGGCG
TCCCAGGAGCAGATGGACAAGATCTCCTCTACCTGAAGATCGGCCCAGAAGAAGGCGCTCAAACCCCTC
ACTGGTGGCAAGGTCAACAAGGTTGATGGCATGGAGAACGGTTACTACATTGAGCCAACCGTTTTCCGC
GGCACCACGACATGAGGATCTTCCGCGAGGAAATCTTCGACCAAGTCTTTCTGTTGCTACCTTCAGC
GACTTCGATGAGGCCATCCGTATTGCAAACGACACCAACTACGGCCTCGGCGCTGGTGTCTGGAGCCGT
GACCAAAACACCATTTATCGTGCAGGTGCGGCAATCCAGGCTGGTCGAGTTTGGGTCAACCAAGTACCAC
AACTACCCAGCGCACTCCGCTTTCGGTGGATACAAGGAGTCCGGCATCGGCCGTGAGAACCACCTCATG
ATGCTGAACCACTACCAGCAGACCAAGAACCTGTTGGTCTCCTACGATCCAAACCCAACCGGACTGTTT

RXS02539 - 3'-Region
TGATCTAAGCGTTAAGTCCTAGA

RXS02554 - 5'-Region

GCTTTTGAAGTGTGTGCGGTGTGCGGACTGAAATAGTTTCCGCTTCAACTTGGTTGCTAAGGATAGGCT
CCATAAAAAATAACCAAAGGCGGAAAATTTCA

RXS02554 - coding Region

ATGTCACACACTAAGCCATCCATTGCCATCCTCGGTGCTGGCCGAGTGGGTTCCTTCACTTGCCAGGTCA
GCGGTGCGCCGAGGCTATGAGGTAAAGGTTGCTGGTTCAGGTGCTGTGGACAAAATCGCTCTTACCGCT
GAGATCCTTATGCCCCGCGCGGTTCCAAGCACTGCTGACCAGGCTGTAAAGGATGCAGATATTGTGTTT
TTGGCTGTTCCCTGCATAAATTCGCGAGTGTCAATCCAGCCACTTTAGAGGGCAAGATCGTTATTGAC
ACGATGAACCACTGGGTTCGCGTCAATGGTGAGTTGGAGGAAATTGATCAGGATCCGCGCAGCACTTCG
GAGATTATTGCGGAGTTTTTCGCGGGATCAACCATGGTGAAGTCTTTAACCACATTGGTTATCACGAG
ATTGAGCAGGATGCGGGTACCGGGCGTGCGATTGCGTATGCCACGGATGATGTGGATGCAGGTGCCCAG
GTTGCACAGCTAATTAAGAGTTTTGGGTTTGTCTTTAAATATTGGCGCATTGGAAAACGGCCGTATT
CTGGAACCTGGCCAAGAAGCTTTCGCGCGCACCTTAATAAAGATTTCGCGCCTAGAACTTGTTAATCAG
CGG

RXS02554 - 3'-Region

TAGTACCTCGATCTTCAGCCAAC

RXS02560 - 5'-Region

TTGGGGCAAGCCAGCTAACGCATTTCTTGTGGAAACCGCAGACATTGAGGCCGCCACGCGGAACTTCT
AAGAGCAGTGGAATGAAATAATCCGGTGCTG

RXS02560 - coding Region

ATGCAGGGCAACTCGCTTAATCTGGCAGACAACAGCGAGAGAAAGAAGCCCATGCCGTACACAGGAGAA
CTTTTAGCCGCCCCGCTACGGACAACCTGCAACCTGGACGCCACCGCAGTGAATGAGACGCTTGATGTC
ATTCACCAGCATCGATCAGTTTCGAGGTGGTTGGATAAACCGGTTGATGATGACACCATCCGCACCAT
ATTTCCGCCGCACAATCGGCTGGAACCTCTTCCAATAAGCAGGTCAATTTCTGTCTATCGTGGTTAAAGAT
CCTGAGCTGAGGAAAGGCCTCGCGGGGATCACTCGCCAGATGTTTCCGCACCTTGAGCAGGTTCCCGCG
GTGCTGATTGTTGATTGATTATTCCCGAATCAGTGGTGGCAGCCAGAGAAGATCTCCCAACAGGG
GCTCTTGATTATCTCAGTAGGCGCGGTGGGGTTCTTCGACGCCGGAATCGCAGCTCAAACCGTTGCA
ATTGCTGCGGAGTCACTTGGATTGGGAACGCTCTATTTGGGTTGCGTGGCAACGATGCGGAAGCCGTG
CACAAATTGCTTGGCCTTCCACCTGAGATCGTGCCTGTCTGGGCTTGGAAATGGGGCATGCGGATCCG
CCTGAACCTGCCGGAATTAACCTCCCTGCCACAAGAAGCCATTGTTCACTGGGATACCTACACCGAG
AAAAACCTCGAATTATCGATTCTACGACCGCGCCCTCGACACTTACTATTCTCGCTACGGCCAGCAC
CAGCTCTGGTCTGAAGCAGACGGCGCATAGGGCGGCGTCAAAAAGCTTTTCAAAAACCAACAGGCAGTTC
CTTAGGGGCGTGTGTTGAGCGCGCCGGGTTTGGGCTGAGA

RXS02560 - 3'-Region

TAAAGCATGATTATGGACGCCT

RXS02578 - 5'-Region

GGCAAAAATGAGGAACAGCACGCCCGCAATAATGAGGACCGTTGCAGATCGCTTCATAAAAACAGCCCA
CACCTTTCGCTAAACTCGCATGTTGAAATA

RXS02578 - coding Region

ATGTCTACCCAATCATATGCACCCATCCGCCATCGCGGATTCATCAGCTCACTCGAGGGACTACGCGCA
ATCGCCTCCCTGGGAGTCTTGGCGACCCACGTTGCATTCCAAACCTCCGTGACCCCGCCAGCAACATC
GGTGCACTACTCGCGGTTTTCGACTTTTTTCGTCGCCGCTCTTCTTCGCCCTCTCCGCCTTCGTTCTTTG
CGACGCCGCGCGGGCAACCACTGGGACTGTACTACCTCAAACGCCTAGCCCGCATCATGCCCCATAC
TGGGCAACGGTCATTGCAGTCTGTGTTTATTTCCACCGGCCCCCTGGTTAGCCAACCTGACGATGACC
CAAATCTACTGGCCAGACGGGCTCATGACAGGCCCTACCCACCTTTGGTCCCTGTGCGTGGAAGTGGCG
TTTTACCTGGTGATGCCGCTTCTCGCGTGGGTGTTGGATAGGTTTGGTTCGGCCGGTGCGCATCCTGTTG
ATTGTTGGTGGGGCAGTGTGAGTCTGGCGTGGCCGTGGATTCCCCTTGTGGAGCATGCGTTGGACGAG
GGGTGGGCGAACATGCAGATCTGGCCACCCGCTTACGCTTGTGGTTTGCAGTCGGCATGATCGCCGCA
GAAATTGAAGGAGTTCGATTCCACGGGTTCGAGCTTTGTGTGGGTGGGTTTAGCTTTAGTGGTTCGCT
TGGATCGCGGGCCAAGAATGGTTCGGACCACTAGGTTTAGTGCACCCAGCCCTGGGAATTCAACTTA
AGAGTCCTCGCGGGCACACTTTTCGCTGTATTTCTGGTGGTTCCCTACGCGCTGGGTACGCCCTCTCGG
CTTCTTGATTCCAGTTGGATGAAAACGCTCGGCACCTGGTTCGATTTCCATCTTCTCTGGCACCTTCCC
GTGCTGACGATTGTGTTCCCACTGCTCGGGTGCCTTTATTTAGTGGAAATTTCTGTTGGTGTTCATC

GTGACGGTCTTGTGACGATCCCAGTTGCCGCCATCAGCTACACCTTCATCGAAGAGCCCATCAGCGGT
GGACCCGGCGGCCATTACAGCTGGGGGTGCTTAGGATTACCATTTTTCTGGGGGTAGGTCTGGAAAA

RXS02578 - 3'-Region
TGATGAATTGGCACCACGTCAAG

RXS02741 - 5'-Region
ACTGGTCACCTGGTTTGGTCTGCACTCTGACTCCCCTCAAAAGGGCACAATTTGGTCAATTTCCCAACC
TTGTCTTTTCAGTCATGGTTAGTGTGGGAACC

RXS02741 - coding Region
ATGAAGGCAATCTTAGTTTCCCGCACCGGCGGACCAGAGGTGTTGGAGTTCACCGACACTGACGCCCCA
AAGCCCACTGATGATCAGGTTTTAGTTGAAGTTGATATGGCTGGCGTCAACTTTATTGATACTTACTAT
CGCCAGGGTGAATATCACGCTCGCCTGCCGTTTATCCCAGGTTTTGAAGGCACTGGTCGGGTGTTGGAG
GATCCGCAGGGGTGATTGCGGCGGGTACCAAGGTGGCGTGGTGTGATGCCATGGGTTCGTATGCTCAG
CAGGTGTGTGTCGCGGGATCGCTTGGTGGCGGTTCGCCAGGGCGTGAGTTCGGAAGTGGCTGCGTCG
ATGTTGATGCAGGGAATCACTGCGCATTATCTAACCAATGGTGTGTATGAGCTTGAAGAGGGCGATTCT
TGCCTCATCACTGCTGGCGCGGGTGGTGTGGATTGTTGGCTACGCAGATGGCGGCGGCCAAGGGAGTG
CGCGTGTACAGCGTGGTGTCCACGGATGAAAAAGCTGAGCTTGCTTTGGATGCCGGTGTCTATGAGGTG
TTTCGTTATTCCGATAATTTGGCGGAGCAGGTTTCGTCCGCACAACGGGGTTCGCGGAGTTGATGTGGTG
TATGACGGTGTGCGCCAGTCCACGTTCAATGAGTCCTTAGAGGCTGTTCTGTCGCGCGGCACTGTGTGT
TTGTTTGGTGGCGGTGCGGTCTGTGGAGCCTTTTGATCCGCAGCTGTTGAACACTCACGGTTCGATC
TTCTTGACCCGCCAAGCATTGGCGCGTGGACGCTCTGAGGAGGGCGAATTTGCCAAGCGTGCACAGGCG
GTCACGCAGGCCATCGTCGAAGGCACCTTGCGGGTTCGCGTTACTGGCACATATTCGCTTGCCGACGCC
TACATCGCCCACCGCGACCTTCAGGCGCGTAGCACGAGCGGTTCTTTGGTCTTGGAATCCCGAAGGAC

RXS02741 - 3'-Region
TAAACACGCATAAAAAGATCCTG

RXS03058 - 5'-Region
ACGAGCTTCGCTCTGCACAAGCCGCTAGAAGCCCCGCATAGCCCTAATGTAGAGCTCATGCCCATTTG
GAATCACAAACCCGCATATCGGCCATGGCTG

RXS03058 - coding Region
GTGTCAAAGCTCAAAGGCTCAAGATCGCTTCTCGACGTCGGCTCCGGCGATCACTCCTTCGCCGACCTG
GCCGGCCGCCAGGTTCGCGCATGTGATGTGCTGGATCCTCTTATTAATACAACCTTTGAAGAATTCCAG
CCGACCCAAAGCTACGATGCCATCACGTTTCATCGCGTCCCTCCATCACATGAACGCGGAAGAAGGACTT
AACAAAGCAGTCCGAATCCTCAATCCTGGCGGCAAGCTCCTCATCGTAGGCCTCGCCAAAACAAAACC
GCCTCCGACTGGATCATCTCCGGAATAACAAGCTTTCTCTCCCGACCAATCAGCCTCATCAATAGGGAA
CAACAAATCTACCCCTTCCCTACCAAGAACCCTCAGAGAGTCTCCACGAAATACGACAACCTACCAAG
CAGCTCCTCCCTCACCGCCGTATTGCGCGTGGAATCCACTTCCGATACCTCCTCGAGTGGACAAAGCCT

RXS03058 - 3'-Region
TAAACAGCCCTATAAACCAAAAA

RXS03061 - 5'-Region
CTGCCACCACTGGTCATTGCAGAGGACACTCTCCGTGATGGTCTTCAGGTGTTAGTCGCAGCCCTAGAG
CGCGAAACCGCGCACCAGAAGGTGGGCTAAA

RXS03061 - coding Region
GTGTCTTTGACCTTCCAGTAATCAACCCAGCGATGGCTCCACCATCACCGAGCTAGAAAACCACGAT
TCCACCCAGTGGATGTCCGCGCTCTCTGATGCAGTTGCAGCTGGTCTTCATGGGCTGCGAAAACCTCCC
CGCGAAAGATCCGTGGTACTCACCGCAATCTTCGAAGCACTGACCGAACGCGCCCAAGAAGTTCAGAG
ATCATCCACCTGGAAGCTGGAAAATCCGATGCAGAAAGCTCTTGGTGAAGTCGCTTATGGTGCAGAATAC
TTCCGTTGGTTTGCAGGAAGAAGCAGTGCGCCTGCCCCGCCGCTACGGACAGTCA

RXS03119 - 5'-Region
TGGGAGGTGTCGCACCAAGTACTTTTGCGAAGCGCCATCTGACGGATTTTCAAAGATGTATATGCTCG
GTGCGGAAACCTACGAAAGGATTTTTTACCC

RXS03119 - coding Region

ATGGCTGTATACGAACTCCCAGAACTCGACTACGCATACGACGCTCTCGAGCCACACATCGTCGCTGAA
ATCATGGAGCTTGACCAGTCCAAGGACCACGCAACCTACGTTGCGGGCGCAAATGCAGCACTC

RXS03119 - 3'-Region
TAGGCACTAGAGAAGGCACGCGA

RXS03120 - 5'-Region
CTGGGCAGTTCTTGGGTACGACCACATATCCGGTGCCTGGTTATCGAGCAGCTCACCGACCAGGAGGG
CAACATCTCCTTCGACATCACCCCAGTTCTG

RXS03120 - coding Region
ATGCTCGATATGTGGGAGCAGCTTTCTACCTGCAGTACATGAACGTTAAGGCAGATTACGTCAAGGCT
GTTTGGAACGTCTTCAACTGGGACGACGCAAGAGCAGCTTCGCAGCAGCTTCCAAG

RXS03120 - 3'-Region
TAAGCATTTTTAGTCCGTGCAAT

RXS03150 - 5'-Region
TTTAACAGAGTGCCTTTCAATGCCTGTAGTGTTCGGCAATTTTGAATGTCGTTACGGTTACCCAAGGC
TGAATTCCTGAGCTCACCTTGTACAAGATCA

RXS03150 - coding Region
GTGGAAGCCCAGTTCACCTCTCCCCTGCTCAACAATGGGCAAACCTGTTTCCTTGGTACCCGAATCCTT
GCTCCAAAATCAGTTACGCGGAAGTAGTCGATGCATTACCGCTTTCGCTGGCAGCCTGCAGGTTGGA
GTCACGTCCTCCCCTGACACTCAGATCGGACCGATGGCGACTGCCCGGCAGCGTGAGCGCGTGGAATCC
TACATTTCCCAAGGCAAAAATGCTGGAGCCCGCATCACTGTCGGTGGCAGCCGTCCACGAGATCTTGAC
GCCGATTCTTCGTTGAGCCAACAGTGTTCGCCGATGTAGACAATCGCGCAGCCATTGCCCAAGATGAA
ATCTTCGGACCGGTGCCCTCTGTTGTTTCTACCAAGACGATGAACACGCCATCCAAGTAGCCAACGAT
TCCGAATTCGGTCTCGGCGGAACCTGTCTGGACGAGCGATCCCGAGCGCGGCGCTGCATTGGCCCCGCCGA
GTTACACAGGAACCATTTGGCATCAACCGCTATATCCCTGATCCCGCCGCACCATTGAGGAGGTGTGAAA
AACAGTGGCCTTGGCAGAGAACTCGGCCCCGAAGGTCTTGCTTCTACCAAGAAACCCAAACCATTTAT
CTC

RXS03150 - 3'-Region
TAATCCAAACTGCACCTATATAT

RXS03218 - 5'-Region
TTGGTACGGGGGTTAACAACCTAGCTTTGTATCTGAAGGCTTCGGAGATTTCCTGTATACATCAACAAT
TGCCCTTTAACCAGGAGTATTCTTAGCTTCT

RXS03218 - coding Region
ATGACTCCTGATCTTGACGCTTTTCTGGACAACTTTATGCCGAGGGGCAGGAATTTGATGCAGAGCAA
CCGGATCGGCTTGATCGCAGGAGAAACCTTGAATCTGAAAGCGCTGCGCTACTTCGCTCGCTCATCTAC
GGAATTAGTCCAAAGTCAGTTCTCGAGCTAGGCACATCCAATGGTTACTCGACTATTTGGATGGCAGAT
GTCGTGAATTTAACAACAGTAGACAATGATCCTGAGCGGTCTTTGGATGCTGCAGCAAACCTTCGCGCC
GCTGGAGTTGAAGAAAAAGTTCAACGAATCGTCGCCGATGGAGCAACCGTACTTGCCGATTCCCGCGAT
GAACAATGGGATTTCAATTTCTTGTATGCCGAACAATCACTCTATGTAAATTGGTGGCCTGACCTGCAA

RXS03218 - 3'-Region
TGAGTTCTAGCAAATGGCGGCTTGTTAGTG